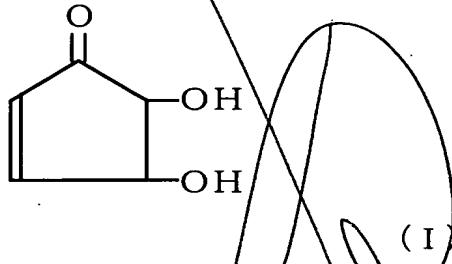


CLAIMS

1. A pharmaceutical composition for treating or preventing a disease that requires enhancement of growth factor production for its treatment or prevention and/or a disease that requires enhancement of interleukin-12 production for its treatment or prevention, the pharmaceutical composition containing, as an active ingredient, a compound selected from the group consisting of 4,5-dihydroxy-2-cyclopenten-1-one of formula (I):



, 4-hydroxy-2-cyclopenten-1-one and derivatives thereof.

2. A composition for enhancing growth factor production and/or interleukin-12 production containing, as an active ingredient, a compound selected from the group consisting of 4,5-dihydroxy-2-cyclopenten-1-one of formula (I), 4-hydroxy-2-cyclopenten-1-one and derivatives thereof.

3. A food or a drink for enhancing growth factor production and/or interleukin-12 production which contains, which is produced by diluting and/or which is produced by adding thereto a substance selected from the

group consisting of materials containing 4,5-dihydroxy-2-cyclopenten-1-one of formula (I), materials containing 4-hydroxy-2-cyclopenten-1-one, materials containing 4,5-dihydroxy-2-cyclopenten-1-one derivatives and materials containing 4-hydroxy-2-cyclopenten-1-one derivatives.

5

add B

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